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APPLICANT : MATSUSHITA ELECTRIC IND CO LTD;

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TITLE : NONAQUEOUS ELECTROLYTIC SECONDARY BATTERY

ABSTRACT : PURPOSE: To prevent the reduction in capacity with the lapse of charging and discharging cycle due to the reduction in electron conductivity, or the precipitation of metal lithium into dendrite form.

CONSTITUTION: Mesophase pellet graphite powder and graphite powder are used for a negative electrode and the ratio of average particle size of mesophase pellet graphite powder to average particle size of graphite powder is set to 1.3-4.0. Carbon fiber is further added to the above structure. Thus, when high capacity graphite powder is used, the contact between the particles can be prevented from being reduced by the expansion and contraction of the powder particles.

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